Info-Hams Digest                 Wed,  8 Sep 93       Volume 93 : Issue 1060

Today's Topics:
                311-A/B vaccuum tube info wanted.please?
                  Callsign servers updated past 3/93???
                            Co-ax Question...
         Daily Solar Geophysical Data Broadcast for 07 September
                     DSP filters as tone decoders ?
                         Email_Callbook_server
              It's been almost 8 weeks - should I call?
                         Meteor frequencies?
                           N8EMR_BBS_INFO
                     Welcome to rec.radio.info!

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party.  Your mileage may vary.  So there.
----------------------------------------------------------------------

Date: Tue, 7 Sep 93 20:41:13 GMT
From: mercury.hsi.com!a3bee2!cyphyn!randy@uunet.uu.net
Subject: 311-A/B vaccuum tube info wanted.please?
To: info-hams@ucsd.edu

Anyone have info on the 311   311-a/b   pentode   vaccuum tubes?

I need the filament volts, current rating.

It's a  Western Electric  tube

tmx

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--
Randy KA1UNW            If you get a shock while
                     servicing  your  equipment,        "Works for me!"
                             DON'T  JUMP!                      -Peter Keyes
                   You might break an expensive tube!
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Date: 8 Sep 93 08:06:32 GMT
From: news.service.uci.edu!orion.oac.uci.edu!easu348@network.ucsd.edu
Subject: Callsign servers updated past 3/93???
To: info-hams@ucsd.edu

Does anyone know of any callsign servers that have been updated since
3/93 that can be telneted to? I can't seem to find one that goes into
any calls that have been issued since 3/93. I have the cs.buffalo.edu
address, but that is the latest one I can find. Thanks for the help.

```
--
Andrew Parker |      KD6TGM      |     easu348@orion.oac.uci.edu
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Date: 8 Sep 93 04:35:21 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: Co-ax Question...
To: info-hams@ucsd.edu

In article <1993Sep7.170216.1@vaxc.stevens-tech.edu> sarmstro@vaxc.stevens-
tech.edu writes:
>    I'm planning on buying a Diamond X-300A 2m/440 antenna, and
>hooking it up to my HT, an Icom W2-A. (At least until I get another rig).
>The main question that I have is about what kind of Co-ax to use. Should I go
>with RG-8 (U or A), or should I use the RG-213? I'm going to be
>running about 10-15 feet, mostly on the outside of the house. In the
>near future, I also want to get an amplifier, if that has any bearing
>on the Co-Ax use. This is the first antenna I'll be buying since I've
>only had my license about 3 months, so I don't want to screw up...

The problem with RG8 is that it's no longer a military standard.
Therefore there are a lot of RG8 *style* cables on the market,
but their quality varies widely. RG213 is still a military standard,
and it's quality is more consistent. If you buy from a reputable
cable manufacturer, RG8 style cables can be as good, or better,
than RG213, while often costing less.

Even RG213 has substantial losses at UHF. There is a more recent
cable that does much better. It's Belden 9913, and it's Wireman

copy. This cable is stiffer, using a semi-airline construction.
Connectors must be attached with more care, because of the increased
possiblity of water incursion, PL259s work as is, though special
waterproofing precautions must be taken, and special type N or BNC
connectors are required due to the larger center conductor. 9913 uses
a center conductor of 9.5 gauge while RG8 and RG213 use a 10 gauge wire.
These connectors are now widely available from the sellers of the
cable and only cost a few cents more than connectors for RG8. I
prefer the Kings crimp connectors for reliability, but they require
a special tool to install. The Amphenol connectors work without
special tooling, but are a pain to install correctly. Make sure
the rubber seal faces the right way.

A good way to waterproof outdoor connections is to smear the connection
with silicone grease and then use a piece of heatshrink tubing over
the entire connection. Other methods, such as self vulcanizing tape,
can be used instead, but the grease and heatshrink method works fine.
I find the Coaxseal(tm) putty to be less than satisfactory. It's
difficult to get a perfect bond, and the stuff is really messy to
remove. Don't use vinegary smelling bathtub caulks and sealers. They
contain acetic acid which will corrode copper.

Since you'll be using a HT on the indoor end of the connection, you
have another problem. The 9913 is really stiff, and even RG8 isn't
very flexible. You won't be able to move the radio around with the
cable attached. The stress on the radio's BNC connector will cause
it to fail. So you'll need to leave the radio stationary and use
an external speaker mike. An alternative is to use a barrel connector
and a short whip of more flexible cable to the radio. RG8X, or Mini-
foam, cable will work. You will suffer losses due to this cable,
and to the extra connectors, but that may be tolerable in order to
be able to pick up the radio. This mechanical issue is not a minor
consideration. You should think carefully about how you're going
to arrange the radio, possible charger, and cable.

Gary
--
Gary Coffman KE4ZV          |"If 10% is good enough | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | for Jesus, it's good  | uunet!rsiatl!ke4zv!gary
534 Shannon Way             | enough for Uncle Sam."| emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244     | -Ray Stevens          |

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Date: 8 Sep 93 05:13:10 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 07 September
To: info-hams@ucsd.edu

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 250, 09/07/93
10.7 FLUX=078.4  90-AVG=096           SSN=014        BKI=2342 2212  BAI=010
BGND-XRAY=A2.0     FLU1=4.7E+05  FLU10=1.3E+04  PKI=2332 2323  PAI=009
  BOU-DEV=013,025,049,012,010,019,008,016   DEV-AVG=019 NT     SWF=00:000
 XRAY-MAX= B1.8   @ 1822UT    XRAY-MIN= A1.5   @ 1857UT   XRAY-AVG= A2.7
NEUTN-MAX= +003%  @ 1630UT    NEUTN-MIN= -002%  @ 2035UT   NEUTN-AVG= +0.1%
  PCA-MAX= +0.2DB @ 1735UT      PCA-MIN= -0.2DB @ 2230UT     PCA-AVG= +0.0DB
BOUTF-MAX=55370NT @ 2358UT    BOUTF-MIN=55340NT @ 1816UT   BOUTF-AVG=55356NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT   G7-AVG=+073,+000,+000
GOES6-MAX=P:+110NT@ 1545UT    GOES6-MIN=N:-068NT@ 1632UT   G6-AVG=+092,-007,-049
 FLUXFCST=STD:079,081,082;SESC:079,081,082 BAI/PAI-FCST=010,010,010/010,010,018
    KFCST=2133 3222 2223 3321  27DAY-AP=006,009   27DAY-KP=2222 1221 2332 3122
 WARNINGS=
   ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 06 SEP 93 is not available.
      The Full Kp Indices for 06 SEP 93 are: 3- 3o 3- 3o   3- 2- 2o 3-

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Date: 8 Sep 93 09:21:36 GMT
From: news-mail-gateway@ucsd.edu
Subject: DSP filters as tone decoders ?
To: info-hams@ucsd.edu

Anyone out there seen code written to allow
a DSP filter to be used as a tone decoder ?
i.e. - DTMF, CTCSS, PBX signals, etc ?
I would think since all of these tones are easily correlated,
it could be done.
An application I'm thinking of is to have the filter
open the speaker terminals ONLY when a specific
tone or series of tones are heard. Could be
interseting on CW as well.
Any comments/ideas ?
-Rich
WB2JBS
rharel@fab8%sc.intel.com
==========================================
Disclaimer:My employer is in no way responsible for
any of my mental noise.

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Date: Wed, 1 Sep 1993 05:00:23 GMT
From: nmt.edu!mimbres.cs.unm.edu!ncar!elroy.jpl.nasa.gov!swrinde!gatech!destroyer!
```

```
nntp.cs.ubc.ca!alberta!nebulus!ve6mgs!root@network.ucsd.edu
Subject: Email_Callbook_server
To: info-hams@ucsd.edu

                    EMAIL CALLSIGN SERVER
                          US CALLS ONLY


For those who do not have telnet access to marvin or one of the other
Internet callsign servers here is an alternative.

N8EMR's Ham BBS, 614-895-2553  has an email server up and running.
The Server is based on Buckmasters Spring 92 database.

------------------------ INTERNET AND CIS USERS ------------------------------

     Mail should be addressed to
callbook@n8emr.cmhnet.org

If you have a well behaved mailer or a well know return address
the reply path will be taken from your mail header. If you have
a strange reply path or non standard reply path. You can use the
option REPLY line to specify a return path. Please note about %20
of the people using the server in the last year have not received
replys due to bad return paths.. Use the REPLY line when in doubt.

On the Subject line include a list a call signs to lookup. If your
mailer doesnt generate a Subject line you can use the option CALL
to specify a list of callsigns. All other lines and info are ignored.

E.G.
# mail callbook@n8emr.cmhnet.org
REPLY  user@site.domain     (your reply path, ! or @ format.)
CALL n8emr w5rrr         (list of calls, space seperated)
^D
#


------------------------ PACKET RADIO -----------------------------------------

     Mail should be sent to CBOOK@N8JYV.#CMH.OH.USA.NA
     You MUST use both the REPLY and CALL option lines.
The REPLY line should be as follows n8jyv!HOME_BBS!CALL, where
HOME_BBS is your local packet bbs where you would normal pick up
your mail, CALL is your callsign.
You must include the n8jyv! in your reply path.. Packet mail will fail
without this.

E.g.
```

```
SP CBOOK@N8JYV.#CMH.OH.USA.NA
Subject ^M
REPLY n8jyv!w8cqk!n8emr
CALL n8emr w1aw
/EX
```

-------------------------- OPTIONAL COMMANDS -------------------------------

REPLY This is an email address you would like to send the lookup info
      to. Either Internet @ or ! addressing is fine. When in doubt
      use this option. About 20% of the server fail with bad address
      if you dont use the REPLY line.

CALL  This is a white space separated list of callsigns you would like
      to lookup. You can have more than one CALL lines in your text.

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Date: Wed, 8 Sep 1993 00:28:42 GMT
From: dog.ee.lbl.gov!agate!spool.mu.edu!wupost!crcnis1.unl.edu!news.unomaha.edu!
cwis.unomaha.edu!ncc2001@network.ucsd.edu
Subject: It's been almost 8 weeks - should I call?
To: info-hams@ucsd.edu

Don't waste your $$$ calling.  After 12 weeks I called on a Thursday and asked
and the person on the other end said that it was not on record yet (in the
computer).  The following Monday my license was here after 13 weeks.

Good thing too, the people in the post office were considering putting a mace
bomb in my mailbox!  :)

73's and hang in there!

Michael, N0YBC


--
|  Michael Fortner   N0YBC         *  "I've got all this love to give and  |
|  ncc2001@cwis.unomaha.edu         *   so far all I have is my ham radio"  |
|  "What do you mean, pop quiz?     *       -Selma Bouvier                   |
| This is the first day of class!"  *                                       |

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Date: Tue,  7 Sep 93 20:33:00 +0200
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!uknet!pipex!sunic!
trane.uninett.no!news.eunet.no!nuug!news.eunet.fi!fuug!compart!
leo.wikholm@network.ucsd.edu

Subject: Meteor frequencies?
To: info-hams@ucsd.edu

    I'm receiving weather satellite pictures from polar orbiting
    satellites. Today, on 7 Sep 1993 I have received a picture
    from Meteor-satellite at frequency 137.400 MHz. This was
    received at 15.45 UT. According to my calculations this was
    Meteor 2-16 (18312). I have noted that it uses two frequencies
    at same time. The second frequency is 137.720 MHz. Do you
    know the meaning of that second frequency? That is not a
    picture channel.


    Leo Wikholm
    Ursa Astronomical Association
    Helsinki, Finland

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Date: Wed, 1 Sep 1993 05:00:18 GMT
From: nmt.edu!mimbres.cs.unm.edu!ncar!elroy.jpl.nasa.gov!swrinde!gatech!destroyer!
nntp.cs.ubc.ca!alberta!adec23!ve6mgs!root@network.ucsd.edu
Subject: N8EMR_BBS_INFO
To: info-hams@ucsd.edu

The N8EMR Ham bbs is online to serve the needs of the
amateur radio operators..

        HOW TO ACCESS THE N8EMR HAM RADIO TELEPHONE BBS !!!

System Name:   N8EMR
Phone:         614-895-2553
Login:         hbbs
Modems:          TB2500 PEP/V.32 support
Times:         24hrs
IP Address:    44.70.0.1
Amateur radio annonymous ftp access is available via the ohio
netrom/ip network. CMHIP is the Netrom node Id and is known
by most of the nodes in ohio. (its slow but it works)
This is only via the ohio packet network. This sytem
is not available via the "INTERNET".

To access the system via the dialup, at the login prompt type hbbs
(lower case only), you will then enter the BBS program. Follow the
directions from the bbs prompts.

I attempt to keep the latest and greatest HAM software on-line, and
encourage all to upload Here is some of software that is available

for downloading.

NEWHAM area. Pick the tools you need to become a ham
AMSAT news and satellite keplerian elements
KA9Q TCP/IP Software for various computers,
ARRL related files
Latest packet bbs programs and utilitys.
Modifications for HAM Rigs and Scanners
DX and contesting programs
Many Packet related programs
Scanner, shortwave and TVRO files and messages.
NASA NEWS..
Online Callsign lookup.

Question or comments to

Gary W. Sanders (gws@n8emr.cmhnet.org), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553
Voice: 614-895-2552 (eves/weekends)

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Date: Mon, 30 Aug 1993 21:01:47 MST
From: destroyer!nntp.cs.ubc.ca!alberta!fantom!crs-sys!ersys!ve6mgs!rec-radio-info@uunet.uu.net
Subject: Welcome to rec.radio.info!
To: info-hams@ucsd.edu

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1993/05/16 21:57 $
Version: $Revision: 1.05 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
 - What is the purpose of rec.radio.info?
 - Why are messages almost always cross posted to rec.radio.info?

- What is a 'follow-up', and what does 'moderated' mean?
  - OK, so now I know what 'moderated' means. Tell me more.
  - What type of material is considered inappropriate?
  - I do not have access to news, how can I get the information posted to
    rec.radio.info?
  - Will the material appearing in rec.radio.info be archived somewhere?
  - I have a regular posting with timely information, is there a way to
    speed up it's delivery, or automate for more convenience?

  -- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio.  Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

  -- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with
a unique Message-ID, is propogated across the net).  This tag also facilitates
a pre-existing method of dropping or cancelling the articles locally within the
discussion groups if you don't want to see them.  This accommodates individuals
who want to separate the bulletins from the discussions, discussions from the
bulletins, as well as those who are adamant about not reading another
newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic)
doubling every year or so, this is no insignificant contribution to reducing
information noise and chaos.  Making the discussion groups a catch-all, and
making extra newsgroups filters on that catch-all, is also the most realistic
way to implement such a scheme (It's not intuitively obvious what the charter,
contents, and general appropriate topics for each and every newsgroup are.
Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial
for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to
specify the extra group on the Newsgroups line), but are adding the capability
for very powerful filtering features available on most news servers,
listservers and readers.  Your local news guru could probably explain these
features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add
a line of the form:
    /Newsgroups:.*[ ,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles
anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them
just in rec.radio.amateur.misc).  The latter method means your kill file will
only be consulted during rec.radio.amateur.misc (and hence runs more
efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
    rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or
put the following lines:
    sequence
    rec.radio.info
    rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first,
then read the remaining rec.radio.* without the bulletins.

 -- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might
want to read the general introductory articles found in the newsgroup
news.announce.newusers. Doing so will make your life on the net much easier,
and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or
a bulletin board, I'd also strongly suggest a trip over to
news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of
Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group
has to be accepted by the moderator of the group. Since we need to ensure that
followups to an article (discussion) do not show up in the rec.radio.info
newsgroup, the `Followup-To:' header line contains a newsgroup that is
appropriate for disussions about the specific article.

 -- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles
submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn.  Submissions to
rec.radio.info can be posted, or e-mailed to:

        rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed
to:
        rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines"
article.

The influence of the moderator should be minimal and of an administrative
nature, consisting chiefly of weeding out obviously inappropriate articles,
while making sure correct headers etc. are used for the appropriate ones.

 -- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the
moderator:

1) Requests for information: rec.radio.info is strictly a one-way street.  I
   receive information in my mailbox; I then post it to rec.radio.info.
   Requests for specific information belong in the normal discussion newsgroups.
   If your request gets answered, you might consider passing the answer on to
   rec.radio.info, though. Especially if you can edit it into a informational,
   rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be
   accepted, but any hint of for-profit might be reason for rejection. For three
   reasons: This is not the purpose of the list, for-profit is a controversial
   topic, and this list may be passed onto Amateur Packet Radio (where
   for-profit is prohibited except under certain provisos).

   rec.radio.swap (or possibly comp.newprod) may be more deserving of the
   posting in any matter.

   Similarly, copyrighted material generally cannot be used.  If it's TRULY
   worthwhile to the net, I would recommend obtaining permission from the
   copyright holder.  Please note the source, and if permission was given.  I
   reserve the right to make the final decision concerning appropriateness in
   all situations.  In most cases, a brief summary of, or pointer to, the
   copyrighted information may be all I can allow.

 -- I do not have access to news, how can I get the information posted to
    rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for
rec.radio.info. Non of the articles will be digested, due to their size, so
you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and
thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

    sub address radio-info
    unsub address radio-info

where 'address' is your full mailing address. Send this request to

    listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail.
If you leave the address portion blank, it will try to deduce your address
from the mail headers. This may not work if you are on bitnet, milnet or
some other non-Unix host, so it is recommended to put your return address
in any case. For example:

    sub mymailbox@myhost.mydomain.mil radio-info
or
    sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

 -- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:
    - unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
    - nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
        saved to /pub/dx/text/rec.radio.info currently stored as
        numbered files.

Effectively this means that anything you post to rec.radio.info will be
permanently stored, so your work will not be lost.

 -- I have a regular posting with timely information, is there a way to
    speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are
willing to take responsible people and provide them the means of posting the
articles directly from their site. We will try everything we can as we fully
realize that DX (distant signal) and astronomical data can be somewhat
transitory. We are also willing to allow regular posters of information the
same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for
news.answer. This requires co-operation and good will to be beneficial to

the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to
suggestions.

I thank the following individuals for their input into this article:
     rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
     rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
     Paul W. Schleck, KD3FU pschleck@unomaha.edu
     Ian Kluft, KD6EUI ikluft@uts.amdahl.com

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Date: Wed, 8 Sep 1993 00:30:47 GMT
From: pa.dec.com!e2big.mko.dec.com!regent.enet.dec.com!gettys@decwrl.dec.com
To: info-hams@ucsd.edu

References <MAS.93Sep1151726@porgy.jpl.nasa.gov>,
<CCqErJ.AGr@feenix.metronet.com>, <1993Sep7.093645@IASTATE.EDU>
Subject : Re: I can't find my original license


In article <1993Sep7.093645@IASTATE.EDU>, wjturner@IASTATE.EDU (William J Turner)
writes...
>In article <CCqErJ.AGr@feenix.metronet.com>, marcbg@feenix.metronet.com (Marc
>Grant) writes:
>>
>> If you are a Tech+ and have credit for the 5 WPM, then you will definitly
>> need your CSCE to prove 5WPM credit since your license will have a new
>> date on it.  If you can't find a CSCE, and you've been licensed a while,
>> perhaps carrying in a callbook might help with your original license.
>>
>
>I don't see how this is ever going to be a problem.  If you are a Tech+, then
>you have passed elements 1a,2,3a.  To upgrade to *anything* you must pass at
>least element 3b for General, and thus also element 1b.  So, you must be able to
>do 13wpm, and element 1a is not required for element 1b.  (If you can do 13wpm,
>you can definitely do 5wpm--if you don't fall asleep during the test. :-)
>Therefore, if you are a Tech+, there is still no reason to take the CSCE to the
>testing session, unless you plan to operate some HF before passing (hopefully!)
>elements 1b and 3b.  You just need to bring the original and a copy of your Tech
>license.

```
>
>> Or, since you'll be taking the 13 WPM before the 5 WPM, you really don't
>> have to prove you passed the 5WPM.
>
>As stated above, you will never have to prove it at a testing session (if you
>are a Tech+ or above).
>
>
>--
>Will Turner,  N0RDV        ----------------------------------------------
>wjturner@iastate.edu        | "Are you going to have any professionalism, |
>twp77@isuvax.iastate.edu    | or am I going to have to beat it into you?" |
>TURNERW@vaxld.ameslab.gov   ----------------------------------------------
h


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Date: 8 Sep 93 03:41:59 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <CCsJwL.4pL@world.std.com>, <CCzwz3.Ls@hpcvsnz.cv.hp.com>,
<1993Sep7.190409.10435@ttinews.tti.com>
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: Repeater Directories?

In article <1993Sep7.190409.10435@ttinews.tti.com> sorgatz@avatar.tti.com (Erik
Sorgatz) writes:
>
>(Are you reading this Mr. Sumner? How long are you going to ignore the situation?
>..will they have to start speaking spanish in Newington schools before you wake
>up to what's happening??)

Hispanics are now the largest minority group in the US, supplanting blacks.
Get used to it. They aren't generally worse operators than Anglos. The
language barrier can present problems, but most of them can speak English,
if necessary, can you speak Spanish? Most of the coordination problems
could be solved if some genuine goodwill existed between the communities.
But that takes effort on *both* sides. If existing Anglo repeater operators
won't tolerate Spanish on their machines, it's quite understandable that
the Hispanics would want to start machines of their own. For better or
worse, monolingualism is finally dying in the US. Get used to it.

Gary

Gary

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Gary Coffman KE4ZV          |"If 10% is good enough | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | for Jesus, it's good  | uunet!rsiatl!ke4zv!gary
534 Shannon Way             | enough for Uncle Sam."| emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244     | -Ray Stevens          |
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End of Info-Hams Digest V93 #1060
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